

Docket No.
ISPH-0457

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS OF OBTAINING ACTIVE ANTISENSE COMPOUNDS

the specification of which

(check one)

☐ is attached hereto.

☒ was filed on May 9, 2000 as United States Application No. or PCT International Application Number 09/568,165 and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
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_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

_____	_____
(Application Serial No.)	(Filing Date)
_____	_____
(Application Serial No.)	(Filing Date)
_____	_____
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

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		(patented, pending, abandoned)
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_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

Jane Massey Licata, Reg. No. 32,257

Herb Boswell, Reg. No. 27,311

Kathleen A. Tyrrell, Reg. No. 38,350

Laurel Spear Bernstein, Reg. No. 37,280

Laura Plunkett, Reg. No. 45,015

April Logan, Reg. No. 33,950

Robert S. Andrews, Reg. No. 44,508

ISIS Pharmaceuticals, Inc. Carlsbad Research Center
Carlsbad, California 92008

of the firm

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Full name of sole or first inventor Susan M. Freier
Sole or first inventor's signature <i>Susan Freier</i>
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Post Office Address 2946 Renault Street
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Full name of second inventor, if any Olga Matveeva
Second inventor's signature
Date
Residence Salt Lake City, Utah
Citizenship Russia
Post Office Address 250 N. 200 West, #203
Salt Lake City, Utah

Full name of third inventor, if any Alexander Tsodikov	
Third inventor's signature	Date
Residence Salt Lake City, Utah	
Citizenship Russia	
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Full name of fourth inventor, if any Michael C. Giddings	
Fourth inventor's signature	Date
Residence Salt Lake City, Utah	
Citizenship US	
Post Office Address 4800 Emigration Canyon	
Salt Lake City, Utah	

Full name of fifth inventor, if any Jacqueline R. Wyatt	
Fifth inventor's signature <i>Jacqueline R. Wyatt</i>	Date 8/31/00
Residence Encinitas, California	
Citizenship US	
Post Office Address 1065 Hymettus Avenue	
Encinitas, California	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

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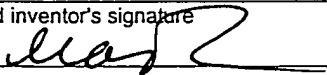
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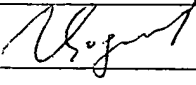
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Sole or first inventor's signature	Date
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Citizenship US	
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San Diego, California	

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Second inventor's signature 	Date 8/11/00
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Citizenship Russia	
Post Office Address 250 N. 200 West, #203	
Salt Lake City, Utah	

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Third inventor's signature  Date 8/15/00
Residence Salt Lake City, Utah
Citizenship Russia
Post Office Address 5562 Brookridge Drive 14J
Salt Lake City, Utah

Full name of fourth inventor, if any Michael C. Giddings
Fourth inventor's signature _____ Date _____
Residence Salt Lake City, Utah
Citizenship US
Post Office Address 4800 Emigration Canyon
Salt Lake City, Utah

Full name of fifth inventor, if any Jacqueline R. Wyatt
Fifth inventor's signature _____ Date _____
Residence Encinitas, California
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Post Office Address 1065 Hymettus Avenue
Encinitas, California

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Sixth inventor's signature _____ Date _____
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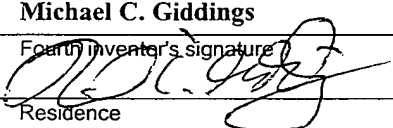
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Second inventor's signature	Date
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Citizenship Russia	
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Salt Lake City, Utah	

Full name of third inventor, if any Alexander Tsodikov	
Third inventor's signature	Date
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Citizenship Russia	
Post Office Address 5562 Brookridge Drive 14J	
Salt Lake City, Utah	

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Fourth inventor's signature 	Date
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Post Office Address 4800 Emigration Canyon	
Salt Lake City, Utah	

Full name of fifth inventor, if any Jacqueline R. Wyatt	
Fifth inventor's signature	Date
Residence Encinitas, California	
Citizenship US	
Post Office Address 1065 Hymettus Avenue	
Encinitas, California	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	